CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2018-07-03-03** **Date: 05-07-2018**
Customer	:	Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T-Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads at MTS Colony cross roads in T.Dasarahalli in Ward No. 15.
Agency	:	Sri. KS Ramesh, No.127, 3rd Cross, Ramaiah Layout, Nagasandra Post, Bengaluru-560073
Customer Reference	:	EE/DD/WO/331/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-07-2018
Sample ID No	:	2018-07-03-03/01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	03-07-2018
Oven Dry Weight	:	10000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	12	12	0.1	99.9	95-100
22.4	2287	2299	23.0	77.0	60-80
11.2	2315	4614	46.1	53.9	40-60
4.75	1799	6413	64.1	35.9	25-40
2.36	1974	8387	83.9	16.1	15-30
0.6	654	9041	90.4	9.6	8-22
0.075	659	9700	97.0	3.0	0-5

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Scanned by CamScanner

TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID	:	**CP-RW-2018-07-03-03** **Date: 05-07-2018**
Customer	:	Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T-Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads at MTS Colony cross roads in T.Dasarahalli in Ward No. 15.
Agency	:	Sri. KS Ramesh, No.127, 3rd Cross, Ramaiah Layout, Nagasandra Post, Bengaluru-560073
Customer Reference	:	EE/DD/WO/331/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-07-2018
Sample ID No	:	2018-07-03-03/01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	03-07-2018

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	301	301
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	83	79
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	217.7	221.5
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.3	0.5
5	Aggregate impact value	(B/A)*100	27.6	26.2
6	Aggregate impact value (Mean of two tests)	Pecentage	26.9	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

Page 1/1
End of Report

Scanned by CamScanner

DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2018-07-03-03** **Date: 05-07-2018**
Customer	:	Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T-Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads at MTS Colony cross roads in T.Dasarahalli in Ward No. 15.
Agency	:	Sri. KS Ramesh, No.127, 3rd Cross, Ramaiah Layout, Nagasandra Post, Bengaluru-560073
Customer Reference	:	EE/DD/WO/331/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	03-07-2018
Sample ID No	:	2018-07-03-03/01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	03-07-2018

Result:

Index	Percentage of Flakiness and Elongation Index(%)	Secified limits as per MORTH specification table 400-12
Flakiness Index	10.2	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	11.9	
Combined Flakiness and Elongation Index for WMM	22.1	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

Page 1/1
End of Report

Scanned by CamScanner

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-07-13-08** **Date: 19/07/2018**

Customer : Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.

Address : T-Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC roads at MTS Colony cross roads in T.Dasarahalli in Ward No. 15.

Agency : Sri. KS Ramesh, No.127, 3rd Cross, Ramaiah Layout, Nagasandra Post, Bengaluru-560073

Customer's Reference : EE/DD/WO/331/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 13-07-2018

Sample ID No : 2018-07-13-08 /05

Customer ID : CC Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/07/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	CC Pavement	M30	12/07/2018	19/07/2018	149.55 X 150.27 X 151.07	22473	8.586	568.3	25.3	25.4
2	CC Pavement	M30	12/07/2018	19/07/2018	151.55 X 150.64 X 151.34	22831	8.350	612.4	26.8	
3	CC Pavement	M30	12/07/2018	19/07/2018	149.54 X 149.42 X 149.38	22343	8.586	539.3	24.1	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

CIVIL PRO BANGALORE Sig..... Date.....

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Scanned by CamScanner

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-07-13-08 **Date: 09/08/2018**

Customer : Assistant Executive Engineer, T-Dasarahalli Sub Division, BBMP, Bangalore.

Address : T-Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC roads at MTS Colony cross roads in T.Dasarahalli in Ward No. 15.

Agency : Sri. KS Ramesh, No.127, 3rd Cross, Ramaiah Layout, Nagasandra Post, Bengaluru-560073

Customer's Reference : EE/DD/WO/331/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 13-07-2018

Sample ID No : 2018-07-13-08 /06

Customer ID : CC Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/08/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	CC Pavement	M30	12/07/2018	09/08/2018	149.39 X 151.84 X 150.70	22684	8.361	756.1	33.3	32.9
2	CC Pavement	M30	12/07/2018	09/08/2018	151.59 X 150.23 X 150.07	22775	8.593	732.6	32.2	
3	CC Pavement	M30	12/07/2018	09/08/2018	151.48 X 149.09 X 149.85	22585	8.414	748.7	33.2	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

CIVIL PRO BANGALORE Sig..... Date.....

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Scanned by CamScanner